

## **ABSTRACT**

**Title:** Prosthetic equipment for transfemoral amputated patients

**Objectives:** The aim of this study was to establish basic educational material about the possibilities of prosthetic equipment after transfemoral amputations. For the completion of this work were added basic information about the transfemoral amputations and the economic efficiency of such equipment.

**Methods:** This study is a theoretical work with in-depth research via the use of the qualitative research method of data collection from provided literature, technical articles, journals and other sources.

**Results:** This work is an essential educational material about transfemoral prostheses suitable for students and the general public.

**Keywords:** amputation, prosthetics, lower limb prostheses, transfemoral amputation, prosthetic knee joint, prosthetic socket, prosthetic foot